Title (en)

METHOD OF ESTIMATING BACKWARD MOTION VECTORS WITHIN A VIDEO SEQUENCE

Title (de)

VERFAHREN ZUR SCHÄTZUNG VON RÜCKWÄRTSBEWEGUNGSVEKTOREN IN EINER VIDEOSEQUENZ

Title (fr)

PROCEDE D'ESTIMATION DE VECTEURS DE MOUVEMENT VERS L'ARRIERE DANS UNE SEQUENCE VIDEO

Publication

EP 1490982 A4 20101222 (EN)

Application

EP 03746021 A 20030114

Priority

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• US 11262302 A 20020329

Abstract (en)

[origin: US2003185304A1] A method of speeding the computation of backward motion vector estimates which are derived from fields which are available from forward motion vector estimates as based on nearest neighbor criterion. The method allows for the generation of multi-frame backwards motion vectors. The invention of the present method for estimating backward motion vectors is particularly well-suited for use with the MPEG-2 video standard.

IPC 8 full level

H04B 1/66 (2006.01); **H04N 19/50** (2014.01); **G06T 7/20** (2006.01); **H03M 7/36** (2006.01); **H04N 5/14** (2006.01); **H04N 19/105** (2014.01); **H04N 19/139** (2014.01); **H04N 19/196** (2014.01); **H04N 19/503** (2014.01); **H04N 19/513** (2014.01)

CPC (source: EP KR US)

H04N 5/145 (2013.01 - EP US); **H04N 19/51** (2014.11 - EP KR US); **H04N 19/56** (2014.11 - EP US); **H04N 19/577** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US)

Citation (search report)

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US 2003185304 A1 20031002; **US 7027510 B2 20060411**; AU 2003210532 A1 20031020; AU 2003210532 A8 20031020; CN 100521789 C 20090729; CN 1656704 A 20050817; DE 10392466 T5 20050224; EP 1490982 A2 20041229; EP 1490982 A4 20101222; GB 0421329 D0 20041027; GB 2402834 A 20041215; GB 2402834 B 20050817; JP 2005521977 A 20050721; JP 4394958 B2 20100106; KR 20040099379 A 20041126; WO 03085990 A2 20031016; WO 03085990 A3 20040122

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